

Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
L39 and ((sens\$ or measur\$ or determin\$) same (door\$ same altitude\$))	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

10/823441

Refine Search

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Search History

DATE: Friday, August 24, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set
Name Query
side by
side

Hit
Count Set
result
set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

L41 L39 and ((sens\$ or measur\$ or determin\$) same (door\$ same altitude\$)) 0 L41

DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L40 L39 and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) 0 L40

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

L39 6064165.pn. or 20020180269 or 6178699.pn. or 5069000.pn. 8 L39

L38 L37 and l32 and ((compar\$ or check\$ or control\$) with (threshold\$ or referen\$)) 1 L38

L37 l34 or l35 or l36 211 L37

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

(5903226 5260874 4729102 5896020 4236215 4611999 4882746 5815093 5737222 6233506 6009363 5895440 4959713 4638289 3292373 5791441 5432841 5948026 5890079 6002972 5128874 5003317 5438517 5563453 5056056 4644494 5389935 4604711 4450820 4775028 5557254 4835546 5627753 6028537 5917434 4656585 5287398 5826827 6102487 5798647 5138649 5983161 5508736 5969953 5068656 5973619 5974349 5239674 5949345 5796612 5841638 5844473 4673937 5195126 4677429 6278396 6226389 5757640 4979917 5835871 4050301 6366240 5587715 5239468 5682133 5065321 5547149 5715905 5572438 4671111 6131060 4931793 4378574 5835376 5729452 4853850 4602127 5031103 5173932 5550738 6141620 5247564 4239013 5086385 5334974 4023353 5457630 4137553 5313201 4156286 5081667 4409670 6014447 4263945 5719771 5497419 5898392 5283643 5892437 4882579 5756934 4958454 5515043 5602450 5144661 5331577 5877707 5793300 4785404 4138657 4337651 5680123 5959577 6007095 5526269 5988645 5809161 5862500 5223844 5115678 5761625 5276728 5917405 5446659 5796365 4660145 5058423 5897602 5113427 5224211 5208756 6006159 5660246 5982048 6275231 5418537 5541585 4454583 5821718 4470116 5513244 6009355 6009356 5845240 4591823 4682292 4201908 4258421)! [PN]				
<u>L36</u>			148	<u>L36</u>
<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>				
<u>L35</u>	("20050264029" "20050228579" "6542076" "6542077" "5545063") [PN]		5	<u>L35</u>
<u>L34</u>	("20050264029" "20050228579" "6542076" "6542077" "5545063") [URPN]		58	<u>L34</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>				
<u>L33</u>	L32 not l30		14	<u>L33</u>
<u>L32</u>	(power\$ near2 door\$) and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) and door\$		17	<u>L32</u>
<u>L31</u>	L30 not l28		1	<u>L31</u>
<u>L30</u>	(power\$ near3 door\$) and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) and door.clm.		5	<u>L30</u>
<u>L29</u>	L28 and 701/\$.ccls.		1	<u>L29</u>
<u>L28</u>	l26 or L27		4	<u>L28</u>
<u>L27</u>	(power\$ near3 door\$) and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) and door.clm. and @pd<=20040413		3	<u>L27</u>
<u>L26</u>	(power\$ near3 door\$) and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) and door.clm. and @ad<=20040413		4	<u>L26</u>
<u>L25</u>	(power\$ adj source) and ((sens\$ or measur\$ or determin\$) same (door\$ same attitude\$)) and door.clm. and @ad<=20040413		8	<u>L25</u>
<i>DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=OR</i>				
<u>L24</u>	L10 and attitude.ab.		0	<u>L24</u>
<u>L23</u>	L10 and attitude.clm.		0	<u>L23</u>
<u>L22</u>	L5 and (vehicle adj door).clm.		69	<u>L22</u>
<u>L21</u>	L6 and attitude		6	<u>L21</u>
<u>L20</u>	L6 and attitude.ab.		0	<u>L20</u>
<u>L19</u>	L6 and attitude.clm.		3	<u>L19</u>

<u>L18</u>	L5 and door.ab.	228	<u>L18</u>
<u>L17</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$ and mov\$	501	<u>L17</u>
<u>L16</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$ and vov\$	0	<u>L16</u>
<u>L15</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$	536	<u>L15</u>
<u>L14</u>	L1 and control\$ and signal\$	5	<u>L14</u>
<u>L13</u>	(power\$ adj source) and sensor and attitude and motion and (mov\$ adj2 load) and door.clm.	5	<u>L13</u>
<u>L12</u>	L10 and attitude.ab.	0	<u>L12</u>
<u>L11</u>	L10 and attitude.clm.	0	<u>L11</u>
<u>L10</u>	L5 and (vehicle adj door).clm.	69	<u>L10</u>
<u>L9</u>	L6 and attitude	6	<u>L9</u>
<u>L8</u>	L6 and attitude.ab.	0	<u>L8</u>
<u>L7</u>	L6 and attitude.clm.	3	<u>L7</u>
<u>L6</u>	L5 and door.ab.	228	<u>L6</u>
<u>L5</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$ and mov\$	501	<u>L5</u>
<u>L4</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$ and vov\$	0	<u>L4</u>
<u>L3</u>	vehicle and door.clm. and sensor and aperture and control\$ and signal\$	536	<u>L3</u>
<u>L2</u>	L1 and control\$ and signal\$	5	<u>L2</u>
<u>L1</u>	(power\$ adj source) and sensor and attitude and motion and (mov\$ adj2 load) and door.clm.	5	<u>L1</u>

END OF SEARCH HISTORY

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L33: Entry 12 of 14

File: DWPI

Oct 27, 2005

DERWENT-ACC-NO: 2005-733147
DERWENT-WEEK: 200575
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TITLE: Vehicle attitude detection apparatus for use in electric door system, has comparator unit connected to sensor unit, receiving attitude proportional signal, and comparing signal with preset threshold value to provide drive signal

INVENTOR: CITTA, J W; RODDY, W D ; URMAN, R

PATENT-ASSIGNEE: WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORP (WESA), WABTEC HOLDING CORP (WABTN)

PRIORITY-DATA: 2004US-0823441 (April 13, 2004)

[Search Selected](#)[Search ALL](#)[Clear](#)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> WO 2005100064 A1	October 27, 2005	E	000	B60J007/057
<input type="checkbox"/> US 20050228579 A1	October 13, 2005		012	G06F017/10

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AT BE BG BW CH CY CZ
DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO
SD SE SI SK SL SZ TR TZ UG ZM ZW

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO2005100064A1	April 6, 2005	2005WO-US11660	
US20050228579A1	April 13, 2004	2004US-0823441	

INT-CL (IPC): B60J 7/057; E05F 15/02; G06F 17/10

ABSTRACTED-PUB-NO: US20050228579A

BASIC-ABSTRACT:

NOVELTY - The apparatus has a sensor unit (120) disposed in a stationary position with respect to a moving load. A comparator unit (124) connected to the sensor unit receives an attitude proportional signal, and compares the signal with a preset threshold value to provide a drive signal. A driver unit receives the drive signal and a command input signal to provide a control output signal of a preset value to a load drive unit.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) door system disposed within an aperture of a vehicle

(B) a powered door system for enabling passenger ingress and egress through an aperture of a vehicle

(C) a method of employing terrain attitude detection for initial motion control of a powered door movement.

USE - Used for detecting an attitude of a vehicle, in a pneumatic, hydraulic and electric door system.

ADVANTAGE - The comparator unit connected to the sensor unit receives the attitude proportional signal, and compares the signal with the preset threshold value to provide the drive signal, thus enabling linear door movement without shock, vibrations and any temperature effects.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic diagram of a vehicle attitude detection apparatus.

Sensor power source 116

Sensor unit 120

Comparator unit 124

Comparator 126

Driver unit 128

ABSTRACTED-PUB-NO: US20050228579A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.7/9

DERWENT-CLASS: Q12 Q47 T01 X22
EPI-CODES: T01-J07D1; X22-P05B; X22-X05;

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A

L33: Entry 11 of 14

File: JPAB

Sep 16, 2004

PUB-NO: JP02004255905A

DOCUMENT-IDENTIFIER: JP 2004255905 A

TITLE: SLIDING DOOR CONTROL DEVICE FOR VEHICLE, AND SLIDING DOOR STRUCTURE OF VEHICLE AND AUTOMOBILE EQUIPPED WITH THE SAME

PUBN-DATE: September 16, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

OKAI, RYUICHI

ONO, TAKESHI

HIRASHIMA, KATSUYUKI

TAKE, TERU

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MITSUBISHI CABLE IND LTD

NIPPON CABLE SYST INC

APPL-NO: JP2003045813

APPL-DATE: February 24, 2003

INT-CL (IPC): B60J 5/06; B60J 5/00; B60J 5/04

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a sliding door control device for a vehicle capable of determining that the attitude of the vehicle is in an inclined state without an inclination sensor being provided.

SOLUTION: A control unit 15 controls movement speed of a power sliding door 7 to converge at control speed. The control unit 15 is provided with a speed computing unit 19, a position detector 21, and a ramp determining unit 23. The speed computing unit 29 computes the movement speed of the power sliding door 7. The position detector 21 detects a moving distance of the power sliding door 7 from a position where the power sliding door 7 starts operating. The ramp determining unit is electrically connected with the speed computing unit 19 and the position detector 21 and determines if an automobile 1 is on a ramp or not based on a speed information signal input from the speed computing unit 19 and a position information signal input from the position detector 21.

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Search Results - Record(s) 1 through 10 of 14 returned.

☐ 1. Document ID: US 20050248444 A1

L33: Entry 1 of 14

File: PGPB

Nov 10, 2005

PGPUB-DOCUMENT-NUMBER: 20050248444

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050248444 A1

TITLE: Control, monitoring, and/or security apparatus and method

PUBLICATION-DATE: November 10, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: [340/426.13](#); [340/539.11](#), [340/825.69](#), [340/825.72](#), [455/41.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 2. Document ID: US 20040160319 A1

L33: Entry 2 of 14

File: PGPB

Aug 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040160319

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040160319 A1

TITLE: Control, monitoring and/or security apparatus and method

PUBLICATION-DATE: August 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: [340/539.1](#); [340/426.1](#), [340/825.72](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 3. Document ID: US 20030206102 A1

L33: Entry 3 of 14

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030206102
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030206102 A1

TITLE: Control, monitoring and/or security apparatus and method

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 340/539.1; 340/425.5, 340/5.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 4. Document ID: US 20030193404 A1

L33: Entry 4 of 14

File: PGPB

Oct 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030193404
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030193404 A1

TITLE: Control, monitoring and/or security apparatus and method

PUBLICATION-DATE: October 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 340/825.71; 340/426.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 5. Document ID: US 20030071899 A1

L33: Entry 5 of 14

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030071899
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030071899 A1

TITLE: Monitoring apparatus and method

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 348/148

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 6. Document ID: US 20030067541 A1

L33: Entry 6 of 14

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030067541
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030067541 A1

TITLE: Monitoring apparatus and method

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 348/148

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 7. Document ID: US 20030016130 A1

L33: Entry 7 of 14

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030016130
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030016130 A1

TITLE: Control, monitoring and/or security apparatus and method

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 340/539.1; 340/825.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 8. Document ID: US 20020121969 A1

L33: Entry 8 of 14

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020121969
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020121969 A1

TITLE: MONITORING APPARATUS AND METHOD FOR A VEHICLE AND/OR A PREMISES

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Joao, Raymond Anthony	Yonkers	NY	US

US-CL-CURRENT: 340/425.5; 340/539.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 9. Document ID: US 6631384 B1

L33: Entry 9 of 14

File: USPT

Oct 7, 2003

US-PAT-NO: 6631384
DOCUMENT-IDENTIFIER: US 6631384 B1
**** See image for Certificate of Correction ****

TITLE: Information system and method using analysis based on object-centric longitudinal data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 10. Document ID: US 6587046 B2

L33: Entry 10 of 14

File: USPT

Jul 1, 2003

US-PAT-NO: 6587046
DOCUMENT-IDENTIFIER: US 6587046 B2
**** See image for Certificate of Correction ****

TITLE: Monitoring apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Search Results - Record(s) 11 through 14 of 14 returned.

☐ 11. Document ID: JP 2004255905 A

L33: Entry 11 of 14

File: JPAB

Sep 16, 2004

PUB-NO: JP02004255905A

DOCUMENT-IDENTIFIER: JP 2004255905 A

TITLE: SLIDING DOOR CONTROL DEVICE FOR VEHICLE, AND SLIDING DOOR STRUCTURE OF VEHICLE AND AUTOMOBILE EQUIPPED WITH THE SAME

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 12. Document ID: WO 2005100064 A1, US 20050228579 A1

L33: Entry 12 of 14

File: DWPI

Oct 27, 2005

DERWENT-ACC-NO: 2005-733147

DERWENT-WEEK: 200575

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TITLE: Vehicle attitude detection apparatus for use in electric door system, has comparator unit connected to sensor unit, receiving attitude proportional signal, and comparing signal with preset threshold value to provide drive signal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 13. Document ID: US RE25748 E

L33: Entry 13 of 14

File: USOC

Mar 23, 1965

US-PAT-NO: RE25748

DOCUMENT-IDENTIFIER: US RE25748 E

TITLE: OCR SCANNED DOCUMENT

DATE-ISSUED: March 23, 1965

INVENTOR-NAME: Name not available

US-CL-CURRENT: 43/9.95

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 14. Document ID: US 3035366 A

L33: Entry 14 of 14

File: USOC

May 22, 1962

US-PAT-NO: 3035366

DOCUMENT-IDENTIFIER: US 3035366 A

TITLE: Trawl net panel assembly

DATE-ISSUED: May 22, 1962

INVENTOR-NAME: LUKETA FRANK J

US-CL-CURRENT: 43/9.95

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KWIC	Draw De
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Terms	Documents
L32 not L30	14

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L31: Entry 1 of 1

File: PGPB

Dec 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050264029
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050264029 A1

TITLE: Strut and hinge assembly for vehicle

PUBLICATION-DATE: December 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bodner, Michael E.	Troy	MI	US

APPL-NO: 10/853429 [\[PALM\]](#)
DATE FILED: May 25, 2004

INT-CL-PUBLISHED: [07] B60J 5/10

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPS	B60 J 5/10	20060101

US-CL-PUBLISHED: 296/146.8

US-CL-CURRENT: [296/146.8](#)

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A strut and hinge assembly for a closure of a vehicle includes a hinge adapted to be connected to a vehicle body and a closure for closing an aperture in the vehicle body for allowing rotation therebetween. The strut and hinge assembly also includes a strut to counterbalance a weight of the closure when opening and closing the aperture and having a first end and a second end, the first end being fixed to the hinge. The strut and hinge assembly further includes an actuator connected to the hinge and the second end of the strut to change a position of the second end relative to the hinge depending on whether opening or closing the closure.

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